

Mission BX 6713

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 11:10 11:40 ✓
DESIGNATE LIFE SUPPORT TECHNICIANS:

H-23:30: ATTEND COMMANDERS BRIEFING:.....
SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL..... 11:40 ✓
SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL.....

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
SURVIVAL AND E&E ITEMS:..... 13:10 13:40 ✓

H-22:00 TO H-17:00: PREFLIGHT:

BOTH SUITS (EA PILOT)..... 13:10 - 18:10 ✓

PARACHUTE AND EMERGENCY O2 SYSTEMS.....

SEAT KIT COMPONENTS.....

SUIT ROOM VENT.....

LOX VENT UNIT.....

OXYGEN CYLINDERS.....

TEST EQUIPMENT.....

TRANSPORT VANS.....

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:..... 15:10

H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:..... 08:10 - 07:30

H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
PRIMARY AND SPARE PILOTS AND AIRCRAFT:..... 9:10

INSTALL SEAT KIT AND PARACHUTE:.....

H-2:00: RECEIVE PACKET FROM INTELLIGENCE..... 4:10

H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:..... 4:25 9:40 ✓

H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:..... 9:30 9:45 ✓

H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:..... 9:50 10:00 ✓

H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:..... 10:00 10:05 ✓

*H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:..... 10:05 10:10 ✓

*H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK..... 10:10 10:25 ✓

H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:..... 10:25 → 10:11

LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....

DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....

POST-FLIGHT EQUIPMENT:.....

TOP SECRET

FROM: Mission Coordinator

13 AUG 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held in the Operations Briefing Room on 13 AUG 1967 at 1140 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6713
2. Date/Time of Launch (H-Hour): 14 10210 ZI 1110 L.
3. Ground Spare (H+1:00): 14 10310 ZI 1210 L.

25X1A Bases: Takeoff KADENA Staging , Landing KADENA

7. Special Instructions/Comments: _____

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FLT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTFC(SAC)	_____	(Notify Only)

TOP SECRET

P.P.

A/C

HANGER

P. MV.

129

2

S. J.L.

131

3

INITIAL - 1810

FINAL - 0740

QUESTIONS: ? - NONE →

25X1A

Approved For Release 2002/06/10 : CIA-RDP69B00041R002300040004-6

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 1050-4FLIGHT DATE 14 Aug 67SUIT # 4DON 1110OUTER GARMENT W/FLOAT GEAR XDOFF 1150

25X1A

HELMET # ~~2~~ 2

TIME IN SUIT

GLOVES # 4

TECHNICIAN

BOOTS 1PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOST-FLIGHTSYSTEM #1

Max Pressure

111116115

Differential

1.21.21.2

Leak Rate

2002501150SYSTEM #2

Max Pressure

114120119

Differential

1.21.21.2

Leak Rate

65010501300

Unpress Leak Rate

400400600

Face Heat

18.0 HRS

Commo and Cord

✓

Pencils

✓

Knife

✓

Controller Number

~~23~~ 23

Packet

REC/0915

✓ ✓

Grease Zippers

✓ Check Location of CO₂✓

Pressure Tap Screws

 ✓

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1050

FLIGHT DATE 14 Aug '61

SUIT # - 3

DON _____

OUTER GARMENT W/FLOAT GAIR ✓

DOFF _____

HELMET # - 1

TIME IN SUIT _____

GLOVES # - 3

TECHNICIAN _____

BOOTS - 1

25X1A

PRESS-TO-TEST

PRE-FLIGHT

SUBJECT TEST

POST-FLIGHT

SYSTEM #1

Max Pressure 106

Differential 1.4

Leak Rate 700

SYSTEM #2

Max Pressure ~~106~~ 112

Differential ~~1.4~~ 1.4

Leak Rate ~~700~~ 650

Unpress Leak Rate ~~350~~

Face Heat 17.5 °AMS

Commo and Cord ✓

Pencils ✓

Knife ✓

Controller Number ~~6~~ 73

Packet ✓

Grease Zippers ✓

Check Location of CO₂ ✓

Pressure Tap Screws _____

*Back
Sent
for 1050*

PRESSURE SUIT HOOK-UP AND CHECKLIST

- Back up*
- ✓1. Packet in pocket.
 - ✓2. Stirrups secured.
 - ✓3. Communication secured and functioning.
 - ✓4. Face heat on (low).
 - ✓5. Oxygen hoses secured in QD.
 - ✓6. Three harness snaps secured - harness adjusted and surplus stowed.
 - ✓7. Kit adjusted and surplus stowed.
 - ✓8. Two (2) bailout hoses secured.
 - ✓9. Lap belt, shoulder harness, key secured and adjusted.
 - ✓10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
 - ✓11. Emergency oxygen lanyard secured and pin removed.
 - ✓12. Red knob secured.
 - ✓13. Green apple secured.
 - ✓14. Manual over ride handle secured.
 - ✓15. Two (2) rocket jet releases secured.
 - ✓16. Check face heat.
 - ✓17. Heat probe.
 - ✓18. Press to test both oxygen systems.
 - ✓19. Readjust lap belt.
 - ✓20. LOW oxygen pressure - #1 system 75/80 #2 system 75/80.
 - ✓21. HIGH oxygen pressure Departing #1 system 9.25 #2 system 9.25. *1129L*
 - ✓22. Foot rest guards over seat foot rests.
 - ✓23. Hook KIT LANYARD.
- SUBJECT 1050 AIRCRAFT NUMBER 131
- TECHNICIAN DATE OF FLIGHT 14 AUG 67
- 25X1A HIGH oxygen pressure Returning #1 system _____ #2 system _____

*End about
wt*

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ☒ Ripcord pins seated (main and first stage).
2. ☒ Pack opening elastics secured.
3. ☒ First stage jettison mated and pins secured.
4. ☒ Two (2) rocket jet units secured.
5. ☒ Manual over ride handle secured.
6. ☒ Green apple secured.
7. ☒ Red knob secured.
8. ☒ Bailout hoses adjusted for pressure suit.
9. ☒ Bailout hose connectors operating.
10. ☒ Harness adjusted for HIGH flight.
11. ☒ Automatic openers - triggered and reset.
12. ☒ Aneroids 1400' to 7500' *sea level*
13. ☒ Bailout cylinder pins secured.
14. ☒ Bailout cylinder pressure #1 1800 #2 1800.
15. ☒ Communication cord secured to chute.
16. ☒ Visual inspection completed.

*shoulder harness #7 OK
life preserver #3 OK*

SURVIVAL KIT

1. ☒ Yellow handle secured.
2. ☒ Trigger clearance.
3. ☒ Kit disconnects secured.
4. ☒ Lid secured.
5. ☒ Visual condition.

INSTALLATION

1. ☒ Vent secured at disconnect.
2. ☒ Kit secured to chute - loose.
3. ☒ Emergency oxygen lanyard secured to chute and pin installed.
4. ☒ Communication cord secured at disconnect.
5. ☒ Vent hose secured to chute.
6. ☒ Pin secured in QD and safetied.
7. ☒ Oxygen system low pressure #1 65/75 #2 75/80.
8. ☒ Pip pin in "D" ring.
9. ☒ Stirrup cables extended and operating freely.
10. ☒ Foot rest guards over seat foot rest.

25X1A

SUBJECT CRAFT NUMBER 131 1210
TECHNICIAN OF FLIGHT 14 Aug 67
SEAT KIT NUMBER 50 PARACHUTE NUMBER 102
TYPE CUSHION S/B VENT HOSE NUMBER 76

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1051
 SUIT # 3
 OUTER GARMENT W/FLOAT GEAR -3
 HELMET # 266
 GLOVES # - 2
 25X1A BOOTS - 1

FLIGHT DATE 14 Aug 67
 DON 0950
 DOFF 1300
 TIME IN SUIT 3.10
 TECHNICIAN 25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1

Max Pressure

112109108

Differential

1.11.21.2

Leak Rate

550650500SYSTEM #2

Max Pressure

112120112

Differential

1.11.31.2

Leak Rate

850550750

Unpress Leak Rate

250600250

Face Heat

19.5✓✓

Commo and Cord

✓✓✓

Pencils

✓✓✓

Knife

✓✓✓

Controller Number

71✓✓Packet Rec. 095✓✓✓

Grease Zippers

✓✓✓Check Location of CO₂✓✓✓

Pressure Tap Screws

✓✓✓

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1051
 SUIT # 1051-2
 OUTER GARMENT W/FLOAT GEAR ✓
 HELMET # 298
 GLOVES # -6
 BOOTS -2

FLIGHT DATE 14 Aug 67
 DON
 DOFF
 TIME IN SUIT
 TECHNICI 25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1

Max Pressure 111
 Differential 1.4
 Leak Rate 850

SYSTEM #2

Max Pressure 108
 Differential 1.4
 Leak Rate 850
 Unpress Leak Rate 250
 Face Heat 17.0
 Commo and Cord ✓
 Pencils ✓
 Knife ✓
 Controller Number 71
 Packet
 Grease Zippers ✓
 Check Location of CO₂ ✓
 Pressure Tap Screws ✓

Back up suit for prim

PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓1. Packet in pocket.
✓2. Stirrups secured.
✓3. Communication secured and functioning.
✓4. Face heat on (low).
✓5. Oxygen hoses secured in QD.
✓6. Three harness snaps secured - harness adjusted and surplus stowed.
✓7. Kit adjusted and surplus stowed.
✓8. Two (2) bailout hoses secured.
✓9. Lap belt, shoulder harness, key secured and adjusted.
✓10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
✓11. Emergency oxygen lanyard secured and pin removed.
✓12. Red knob secured.
✓13. Green apple secured.
✓14. Manual over ride handle secured.
✓15. Two (2) rocket jet releases secured.
✓16. Check face heat.
N/A ✓17. Heat probe.
18. Press to test both oxygen systems.
19. Readjust lap belt.

- ✓20. LOW oxygen pressure - #1 system 70/25 #2 system 65/20 1020 L
✓21. HIGH oxygen pressure Departing #1 system 9.25 #2 system 9.5.
✓22. Foot rest guards over seat foot rests.
✓23. HOOK KIT LANYARD.

SUBJECT 51 AIRCRAFT NUMBER 129TECHNIC [REDACTED] DATE OF FLIGHT 14/8/67

25X1A

HIGH oxygen pressure Returning #1 system 8.5 #2 system 9.0.

Radio on/off
Put on "Auto"

1250

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Check power cable linkage.
3. ✓ Pack opening elastics secured.
4. ✓ First stage jettison mated and pins secured.
5. ✓ Two (2) rocket jet units secured.
6. ✓ Manual over ride handle secured.
7. ✓ Green apple secured.
8. ✓ Red knob secured.
9. ✓ Bailout hoses adjusted for pressure suit.
10. ✓ Bailout hose connectors operating.
11. ✓ Harness adjusted for HIGH flight.
12. ✓ Automatic openers - triggered and reset.
13. ✓ Aneroids 1400' to 7500'. *sea level*
14. ✓ Bailout cylinder pins secured.
15. ✓ Bailout cylinder pressure #1 1806 #2 1806
16. ✓ Communication cord secured to chute.
17. ✓ Visual inspection completed. *shoulder harness #5 CR*
underarm preserver #1, CR

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. ✓ Oxygen system low pressure #1 60/70 #2 60/70
8. ✓ Pip pin in "D" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

25X1A

SUBJECT	<u>1051</u>	AIRCRAFT NUMBER	<u>129</u>	<u>1110</u>
TECHNICIAN		DATE OF FLIGHT	<u>14 Aug 67</u>	
SEAT KIT NUMBER	<u>51</u>	PARACHUTE NUMBER	<u>139</u>	
TYPE CUSHION	<u>5/B</u>	VENT HOSE NUMBER	<u>71</u>	

25X1A

DATE 14 AUG 67 ACFT 129 PILOT

TIME IN FLIGHT 1+45 TIME IN SUIT 3+15 PREBREATHING TIME 1+00

SATISFACTORY

UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION ^{#51} HP5B

3. PARACHUTE SIN 139

4. HELMET - 266

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 3

A. CABIN DECOMPRESSION: YES NO

6. OUTER GARMENT - 3

7. BOOTS AND SPURS, Q.D. Type

8. GLOVES - 2

9. OXYGEN SYSTEM

DEPART

RETURN

TIME

AMT

TIME

AMT

#1 1020 9.25 1250 8.5

#2 1020 9.5 1250 9.

10. MISCELLANEOUS

11. EVALUATION ITEMS

A.

B.

C.

D.

E.

25X1A

12. REMARKS: (EXPI